**ADD CATEGORY DETAILS**

* **Use Case: Add Category Details**
* **Brief Description** – The administrator adds category details into the system
* **Actors** – Administrator
* **Preconditions** – Administrator is logged into the system.
* **Basic Flow** –
* 1. Administrator selects the "Add Category Details" option.
* 2. Administrator provides the necessary category details such as category number, category name.
* 3. The system validates the input data.
* 4. The system adds the category details to the database.
* **Alternate Flows** – None
* **Post Conditions**: Category details are successfully added to the system.

**DELETE CATEGORY DETAILS**

* **Use Case: Delete Category Details**
* **Brief Description** – The administrator delete category details into the system
* **Actors** – Administrator
* **Preconditions** – Administrator is logged into the system.
* **Basic Flow** –
* 1. Administrator selects the "Delete Category Details" option from the category list.
* 2. The system delete the category details to the database.
* **Alternate Flows** – None
* **Post Conditions**: Category details are successfully deleted to the system.

**UPDATE CATEGORY DETAILS**

* **Use Case: Update Category Details**
* **Brief Description** – The administrator Update category details into the system
* **Actors** – Administrator
* **Preconditions** – Administrator is logged into the system.
* **Basic Flow** –
* 1. Administrator selects the "Update Category Details" option from the category list.
* 2. Administrator update the necessary product details such as category name.
* 3. The system validates the input data.
* 4. The system adds the product details to the database.
* **Alternate Flows** – None
* **Post Conditions**: Category details are successfully updated to the system.

**VIEW CATEGORY DETAILS**

* **Use Case: View Category Details**
* **Brief Description** – The administrator view category details into the system
* **Actors** – Administrator
* **Preconditions** – Administrator is logged into the system.
* **Basic Flow** –
* 1. Administrator selects the "View Category Details" option.
* **Alternate Flows** – None
* **Post Conditions**: Category details are successfully displayed to the system.

**ADD PRODUCT DETAILS**

* **Use Case: Add Product Details**
* **Brief Description** – The administrator adds product details into the system
* **Actors** – Administrator
* **Preconditions** – Administrator is logged into the system.
* **Basic Flow** –
* 1. Administrator selects the "Add Product Details" option.
* 2. Administrator provides the necessary product details such as product number, product name, category number, price, no of copies, serial number ,product description, product image.
* 3. The system validates the input data.
* 4. The system adds the product details to the database.
* **Alternate Flows** – None
* **Post Conditions**: product details are successfully added to the system.

**UPDATE PRODUCT DETAILS**

* **Use Case: Update Product Details**
* **Brief Description** – The administrator update product details into the system
* **Actors** – Administrator
* **Preconditions** – Administrator is logged into the system.
* **Basic Flow** –
* 1. Administrator selects the "Update Product Details" option from the selected product.
* 2. Administrator update the necessary product details such as product name, category number, price, no of copies, serial number ,product description, product image.
* 3. The system validates the input data.
* 4. The system adds the product details to the database.
* **Alternate Flows** – None
* **Post Conditions**: product details are successfully updated to the system.

**DELETE PRODUCT DETAILS**

* **Use Case: Delete Product Details**
* **Brief Description** – The administrator delete product details into the system
* **Actors** – Administrator
* **Preconditions** – Administrator is logged into the system.
* **Basic Flow** –
* 1. Administrator selects the "Delete Product " option from the selected product.
* 2. Administrator selects the “Confirm Delete” option.
* 3. The system delete the product details to the database.
* **Alternate Flows** – None
* **Post Conditions**: product details are successfully deleted to the system.

**VIEW PRODUCT DETAILS**

* **Use Case: View Product Details**
* **Brief Description** – The administrator view product details into the system
* **Actors** – Administrator
* **Preconditions** – Administrator is logged into the system.
* **Basic Flow** –
* 1. Administrator selects the "View All Product " option.
* **Alternate Flows** – None
* **Post Conditions**: view the product details in the system.

**USER MAKE ORDERS**

* **Use Case: Add Order Details**
* **Brief Description** – The user adds order details into the system
* **Actors** – User
* **Preconditions** – User is logged into the system.
* **Basic Flow** –
* 1. User selects the "Add to Cart" option for the selected product.
* 2.User selects the “Cart” option.
* 3. User provides the necessary quantity, Product Order Address of the selected products and the Order number, Order Date, Order Status, Product number are also stored and User select “Confirm Order” option.
* 4. The system validates the input data.
* 5. The system adds the Order details to the database.
* **Alternate Flows** – None
* **Post Conditions**: order details are successfully added to the system.

**USER VIEW ORDERS**

* **Use Case: View Order Details**
* **Brief Description** – The user view order details into the cart system
* **Actors** – User
* **Preconditions** – User is logged into the system.
* **Basic Flow** –
* 1. User selects the "View Cart" option.
* 2.User view all the selected products from the cart.
* **Alternate Flows** – None
* **Post Conditions**: order details are displayed.

**USER DELETE ORDERS**

* **Use Case: Delete Order Details**
* **Brief Description** – The user delete order details from the cart into the system
* **Actors** – User
* **Preconditions** – User is logged into the system.
* **Basic Flow** –
* 1. User selects the "Delete from the Cart" option for the selected product.
* 2. The system modify the Order details to the database.
* **Alternate Flows** – None
* **Post Conditions**: order details are successfully deleted to the system.

**ADD REVIEW DETAILS**

* **Use Case: Add Review Details**
* **Brief Description** – The user adds review details into the system
* **Actors** – User
* **Preconditions** – User is logged into the system.
* **Basic Flow** –
* 1. User selects the "Review the Product" option from the “My Orders” option.
* 2. User provides the necessary details such as, review number and review score, product number, review comment.
* 3. The system validates the input data.
* 4. The system adds the Order details to the database.
* **Alternate Flows** – None
* **Post Conditions**: review details are successfully added to the system.